

## ABSTRACT

A source detector for use in a fuel dispensing station to make fuel filling impossible in the event of a fire, or the detection of an ignition source, or an open flame. The fuel dispensing station comprises at least one fuel dispenser and at least one source detector for  
5 generating a detection signal indicating an unwanted ignition source. Once the detection signal is generated, a control unit which receives the detection signal generates a control signal which is received by the fuel dispenser, wherein the fuel dispenser responds to the control signal by temporarily suspending fuel supply.

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